

Amendments to the Specification:

Please replace paragraph [0033] with the following amended paragraph:

[0033] For heating the cold gas or the gas already preheated by a heating means in ~~a not depicted~~ an insufflation device 12, which is joined via a tube 13 to connection 3, a heating means 5 having a connection 5' is provided. This heating means has at least one electric heating coil 6, which surrounds the channel through which the fluid is conducted. In the shown preferred embodiment, the heating means 5 is provided in the "thicker" part of the trocar, which remains outside the human body.

Please replace paragraph [0038] with the following amended paragraph:

[0038] Fig. 5 shows a partial section of a top view and a lateral view of a second preferred embodiment of the present invention. In this preferred embodiment, the heating means is not accommodated in the first instrument A itself, but rather in an addition which is provided with a housing 11 which is provided with a tube nozzle 4' which functions as an inlet and a tube nozzle 4" which functions as an outlet. The addition is connected to the inlet 3 of the instrument A not depicted in fig. 5 by means of the tube nozzle 4" and a short tube. Located in the housing 11 is a fluid channel in which the heating coil designed as a flat element is disposed and 5' stands for the connection for the heating means.